

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 09531-157001	Application No. <u>10/726949</u>
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))		Applicant Andres Belalcazar et al.	
		Filing Date December 3, 2003	Group Art Unit

**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
MDD	AA	4,932,408	06/12/90	Schaldach			
MDD	AB	5,154,170	10/13/92	Bennett et al.			
MDD	AC	5,438,987	08/08/95	Thacker et al.			
MDD	AD	5,556,421	09/17/96	Prutchi et al.			
MDD	AE	5,814,076	09/29/98	Brownlee			
MDD	AF	5,824,029	10/20/98	Weijand et al.			
MDD	AG	5,876,353	03/02/99	Riff			
MDD	AH	5,931,858	08/03/99	Kadhiresan et al.			
MDD	AI	5,957,861	09/28/99	Combs et al.			
MDD	AJ	5,974,340	10/26/99	Kadhiresan			
MDD	AK	6,070,100	05/30/00	Bakels et al.			
MDD	AL	6,161,042	12/12/00	Hartley et al.			
MDD	AM	6,223,079	04/24/01	Bakels et al.			
MDD	AN	6,269,264	07/31/01	Weyant et al.			
MDD	AO	6,277,078	08/21/01	Porat et al.			
MDD	AP	6,278,894	08/21/01	Salo et al.			
MDD	AQ	6,360,123	03/19/02	Kimchi et al.			
MDD	AR	6,434,408	08/20/02	Mulligan et al.			
MDD	AS	6,454,719	09/24/02	Greenhut			
MDD	AT	6,473,640	10/29/02	Erlebacher			
MDD	AU	6,512,949	01/28/03	Combs et al.			
MDD	AV	6,595,927	07/22/03	Pitts-Crick et al.			
MDD	AW	2001/0020138	09/06/01	Ishigooka et al.			
MDD	AX	2002/0115939	08/22/02	Mulligan et al.			
MDD	AY	2002/0123674	09/05/02	Plicchi et al.			
MDD	AZ	2002/0143368	10/03/02	Bakels et al.			
MDD	AAA	2002/0161310	10/31/02	Daum			

Examiner Signature

Date Considered

3/29/06

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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MDD	ABB	2003/0023184	01/30/03	Pitts-Crick et al.			
MDD	ACC	2003/0028221	02/06/03	Zhu et al.			
MDD	ADD	2003/0078619	04/24/03	Bonnet et al.			
MDD	AEE	2003/0093125	05/15/03	Zhu et al.			

Foreign Patent Documents or Published Foreign Patent Applications							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation
							Yes No
	AFF						

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
MDD	AGG	Bocchiardo et al., "Biventricular Pacing Optimization Using Impedance Feasibility Study," <u>Europace Supplements</u> , 2002, 3:A39, Abstract No. 54/3
MDD	AHH	Bronzino (ed.), "Chapter 73 – Bioelectric Impedance Measurements," <u>The Biomedical Engineering Handbook</u> , Second Edition, Volume 1, 2000, A CRC Handbook Published in Cooperation with IEEE Press, pp. 73-1 – 73-8
MDD	AII	Cole et al., "Correlation of Impedance Minute Ventilation with Measured Minute Ventilation in a Rate Responsive Pacemaker," <u>PACE</u> , 2001, 24:989-993
MDD	AJJ	Duru et al., "Rate Responsive Pacing Using Transthoracic Impedance Minute Ventilation Sensors: A Multicenter Study on Calibration Stability," <u>PACE</u> , 2002, 25(12):1679-1684
MDD	AKK	Hauck, "A Minute Ventilation Sensor Derived from Intra-Thoracic Electric Impedance as a Cardiac Pacemaker Rate Modulator," A Thesis Submitted to the Faculty of the Graduate School of the University of Minnesota, Department of Electrical Engineering, June 1993, 148 pgs.
MDD	ALL	Nappholz et al., "Electrode Configurations for a Respiratory Impedance Measurement Suitable for Rate Responsive Pacing," <u>PACE</u> , 1986, Part II, Vol. 9, pp. 960-964
MDD	AMM	Patterson, "Possible technique to measure ventricular volume using electrical impedance measurements with an oesophageal electrode," <u>Medical &amp; Biological Engineering &amp; Computing</u> , 1987, 25:677-679
MDD	ANN	Plicchi et al., "Monitoring Intrapulmonary Bioelectric Impedance During Active Volume Overloading," <u>Europace Supplements</u> , 2002, 3:A39, Abstract No. 54/6
MDD	AOO	Van De Water et al., "Monitoring the Chest with Impedance," <u>Chest</u> , 1973, 64(5):597-603
MDD	APP	Wang et al., "Feasibility of Predicting CHF Hospitalization Using Pacemaker-Based Impedance Sensor in CHF Patients," <u>J. Cardiac Failure</u> , 2002, 8(4, Suppl.):S81, Abstract No. 297
MDD	AQQ	Wang et al., "Feasibility of Monitoring Thoracic Congestion with Impedance Measured from an ICD Lead System in a Chronic Heart Failure Dog Model," <u>PACE</u> , NASPE Abstracts, 2000, Part II, Vol. 23, No. 4, p. 612, Abstract No. 237

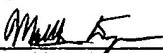
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Sheet 3 of 3

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Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
MDD	ARR	Yu et al., "Early Warning of CHF Hospitalization by Intra-Thoracic Impedance Measurement in CHF Patients with Pacemakers," <u>PACE</u> , NASPE Abstracts, 2002, Part II, Vol. 25, No. 4, p. 527, Abstract No. 19

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